

COUNTRY	:	Czechoslovakia	G-2
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 16 1959, No.	57147
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	sized from diazotized 2-phenyl-VI (0.02 mol) and 0.024 mol Na 2-naphthylamino-5,7-disulfonate with the addition (3 hrs) of 100 ml 2.5 N Na₂CO₃. The dye is salted out with 70 gms NaCl from the mixture heated to 70°; following salting out the dye is dissolved in 200 ml water and oxidized at 70° with NaOCl solution until the color disappears. The product is salted out and precipitated twice with alcohol from aqueous solution to give the dihydrate of II, yield 2 gms. III	
CARD:		6/9	

COUNTRY	: Czechoslovakia	G-2
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 16 1959, No.	57147
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: is obtained from diazotized Na 2-(4'-sulfo-naphthyl)-benzotriazole-6-sulfonate (0.03 mol), a suspension of which is added (about 20°, 30 min) to a solution of 0.033 mol VII and 20 gms CH_3COONa in 150 ml water. Following salting out, the dye is oxidized by refluxing with 0.06 mol ammoniacal CuSO_4 solution; the product is converted to the Na salt by heating in water with the addition of Na_2CO_3 and $\text{Na}_2\text{S}_2\text{O}_4$; the yield of III dihydrate is 7.5 gms. IV is synthesized from 0.01 mol	
CARD:	7/9	

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COUNTRY	:	Czechoslovakia	G-2
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 16 1959, No.	57147.
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	of Na 2-(5'-(2-phenyl)-benzotriazolyl)-4-methyl-5-aminobenzotriazole-7,4''-disulfonate, which is obtained in 15 gms yield from 0.03 mol of the diazo compound from 2(4'-sulfophenyl)-VI and 0.04 mol 2,6-stilbenediamino-4-sulfonate Na; the yield of IV pentahydrate is 2 gms. V is prepared from 0.03 mol of diazotized 2-(4'-sulfophenyl)-VI and 0.031 mol 2-(4'sulfophenyl)-VI, suspensions of which are treated (3 hrs) with 100 ml 2.5 N Na₂CO₃. Following salting	

CARD: 8/9

COUNTRY	: Czechoslovakia	G-2
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 16 1959, No.	57147
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: out the dye is oxidized at 70° with NaOCl; the yield of V dihydrate is 9.8 gms. For Communi- cation VI see RZhKhim, No 23, 1958, 77690. J. Vanecek	

CARD: 9/9

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COUNTRY : Czechoslovakia 3-1
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1959, No. 3(15)
 AUTHOR : Dobas, J.; Pirkel, J.
 INST. :
 TITLE : Fluorescent Derivatives of 1,2,3-Triazole.
 VI. Sulfonic Acids of 2-Styrylnaphtho-(1,2)-
 Triazole.
 ORIG. PUB. : Collect. Czechosl. Chem. Commun., 1959, 24,
 No 2, 545-549
 ABSTRACT : See RZKhim., 1959, No 23, 7750.

CARD:

149

COUNTRY	:	Czechoslovakia	G-2
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 22 1959, No.	78638
AUTHOR	:	Dobas, J., Pirk1, J., and Hanousek, V.	
INST.	:	Not given	
TITLE	:	Fluorescent Derivatives of 1,2,3-Triazole. VII. The Sodium Salts of Some bis- and tris-triazole- sulfonic Acids	
ORIG. PUB.	:	Collection Czechoslov Chem Commun, 24, No 3, 731- 743 (1959)	
ABSTRACT	:	See RZKhim, 1959, No 16, 57146.	

CARD: 1/1

Distr: 4E3d

Fluorescent derivatives of 1,2,3-triazole. VII. Sodium salts of some bis- and tris-triazolesulfonic acids. Jaroslav Dobáš, Jaromír Pírk, and Vítězslav Hanousek (Věstník. ústav. org. synth., Pardubice-Rybitví). Collection Czechoslov. Chem. Commun. 24, 739-43 (1959) (in German).—See C.A. 53, No. 9105h. JH Pliml

DOBAS, J.

1. Organisch-technologisches Laboratorium, I.
Forschungsinstitut

Fluorescent derivatives of the 1,2,3-triazoles. VIII. Some derivatives of the 2-phenylnaphtho[1,2-f]triazoles. J. Dobas and J. Pírk (Výzkumný ústav organické syntézy, Pírabice-Rybitví, Czech.). *Collection Czechoslov. Chem. Commun.* 35, 912-18 (1960); cf. *CA* 53, 11354c. The spectral properties (color and fluorescence) of a series of derivatives of the 2-phenylnaphtho[1,2-f]triazole-8-sulfonic acid were studied. The electrophilic groups in the 4'-position behaved as auxochromes, whereas the electron donor groups OH and NH₂ in the same position behaved simultaneously as auxochromes, bathochromes, and diminochromes. The electron donor groups in the 3'-position quenched the fluorescence in aq. solns., the electrophilic groups caused no change of the fluorescence and both series of substituents had no effect on the color. The causes of these phenomena were discussed. H. Brütze

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1-2A1(NB)